

October 10, 2007



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety Administration**

East Building, PHH – 30
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

DOT-SP 14193
(THIRD REVISION)

EXPIRATION DATE: April 30, 2011

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Honeywell International, Inc.
Morristown, NJ
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of eleven non-DOT specification IMO Type 5 portable tanks, each mounted in an ISO frame, containing certain Division 2.2 and 2.3 compressed gases. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. Party status will not be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101, Hazardous Materials Table, Column 7, Special Provision B9 in that no bottom outlets are permitted, except as provided herein.
5. BASIS: This special permit is based on the application of Honeywell International, Inc., dated May 25, 2007, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone B or Zone C (Trifluorochloroethylene, uninhibited)</i>	2.3	UN3160	N/A
1,1,1,2-Tetrafluoroethane, or Refrigerant gas R 134a	2.2	UN3159	N/A

7. SAFETY CONTROL MEASURES:

- a. PACKAGING - Packagings authorized are eleven non-DOT specification portable tanks, each mounted in an ISO Type 1C frame and in accordance with the following specifications:

Tank Number	Water Capacity US Gallons	Design pressure PSIG
ETNU 581000-8	4755	399
ETNU 581005-5	4755	399
ETNU 581010-0	4755	399
ETNU 581011-6	4755	399
ETNU 581015-8	4755	399
ETNU 581017-9	4755	399
ETNU 581018-4	4755	399
CCRU 537248-9	4451	399
CCRU 537252-9	4451	399
CCRU 537262-1	4451	399
SECS 220022-4	4467	285
ETNU 581002-9	4755	399
ETNU 581006-0	4755	399
ETNU 581008-1	4755	399
ETNU 581009-7	4755	399
ETNU 581012-1	4755	399
ETNU 581013-7	4755	399
ETNU 581014-2	4755	399
ETNU 581016-3	4755	399
ETNU 581019-0	4755	399

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(1) These pressure relief devices are required:
Two (2) - 2 inch diameter, or one (1) - 3 inch diameter, spring loaded safety relief valves set to discharge at a pressure between 270 psig and 399 psig, not to exceed tank design pressure. Each tank must have a minimum total relief device capacity of 1,224,000 SCFH. Each pressure relief device must be marked with a start-to-discharge pressure in psig and a rated relief device capacity in SCFH.

(2) Insulation - Division 2.3 materials must be transported in portable tanks that conform with § 172.102 Special Provision B14 and the insulation must be protected by stainless steel cladding. Portable tanks containing Division 2.2 materials may be uninsulated. A sun shield is optional.

(3) Bottom outlets are permitted.

b. TESTING -

(1) Hydrostatic test certificates for each tank must be maintained by the owner or manufacturer at its principal business office and be made available to any representative of the DOT upon request.

(2) Minimum test pressure is one and one-half times the design pressure.

(3) Each tank must be pressure tested at least once every 5 years at one and one-half times the design pressure as specified for DOT 51 portable tanks in § 180.605(c).

(4) Each tank must be visually inspected at least once in every 2 1/2 years as specified for DOT 51 portable tanks in § 180.605(c).

c. OPERATIONAL CONTROLS -

(1) The tank must be filled so as not to be liquid full at 130°F.

(2) Each tank must be visually inspected prior to each trip to ensure that it has not been damaged on the previous trip.

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(3) No product may be shipped that has venting requirements exceeding 1,224,000 SCFH. The venting capacity required for each product must be determined by the flow formulas contained in Compressed Gas Association (CGA) Pamphlet S-1.2.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

c. Each portable tank must be plainly marked on both sides near the middle, in letters at least two inches high on a contrasting background, "DOT-SP 14193."

d. Transportation of Division 2.3 materials (gases which are poisonous by inhalation) are not authorized aboard cargo vessel unless specifically authorized in the Hazardous Materials Table (§ 172.101).

e. Packages permanently marked 'DOT-E 14193', prior to October 1, 2007 may continue to be used under this special permit for the remaining service life of the packaging or until the special permit is no longer valid. Packages marked on or after October 1, 2007 must be marked 'DOT-SP 14193'.

f. Shipping papers displaying 'DOT-E 14193' may continue to be used until October 1, 2007, provided the special permit remains valid.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight and cargo vessel.

10. MODAL REQUIREMENTS:

a. A current copy of this special permit must be carried aboard each cargo vessel used to transport packages covered by this special permit.

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b. Portable tanks may not be transported in container-on-flat car (COFC) or trailer-on-flat car (TOFC) service except under conditions approved by the Associate Administrator for Safety, Federal Railroad Administration.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term 'exemption' to 'special permit' and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of

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this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Theodore L. Willke
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: AM